

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-077403

(43)Date of publication of application : 24.03.1998

(51)Int.Cl.

C08L 75/04
B29C 41/18
C08L 35/00
// (C08L 75/04
C08L 35:00)
B29K 75:00

(21)Application number : 08-233110

(71)Applicant : DAINIPPON INK & CHEM INC

(22)Date of filing : 03.09.1996

(72)Inventor : KISHIMOTO MASAOKI

(54) RESIN COMPOSITION FOR POWDER MOLDING AND MOLDED ARTICLE

(57)Abstract:

PROBLEM TO BE SOLVED: To solve such a problem that it is difficult to maintain the surface conditions so that luster occurs or a grain pattern disappears with time when a molded article with a matte and/or grained surface is produced by the slush molding using a thermoplastic polyurethane resin powder.

SOLUTION: A composition comprising mainly a thermoplastic polyurethane resin powder is blended with a maleimide polymer powder which does not melt at the molding temperature and has a particle diameter of 0.5-200 μ m. The powder preferably comprises an N-cycloalkylmaleimide polymer with a number-average molecular weight of 2,000 to 100,000, which is blended preferably in an amount of 0.5-5wt.% (based on the urethane resin powder). The obtained molding is free from the increase in luster, the loss of grain pattern and the damages to its high-grade appearance and the like with time.

LEGAL STATUS

[Date of request for examination] 10.12.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3637694

[Date of registration] 21.01.2005

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]